Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082018\
Data File : VV007088.D
Acq On : 20 Aug 2018 22:40
Operator : SY/MD
Sample : J4515-09
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0333

Quant Time: Aug 21 05:27:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 21 05:25:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	232052	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	224505	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	85508	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	78166	5.22	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.40%			
7) Chloroethane-d5	1.58	69	70231	5.53	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 110.60%			
11) 1,1-Dichloroethene-d2	2.13	63	144468	5.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 102.80%			
20) 2-Butanone-d5	3.97	46	230978	53.62	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.24%			
24) Chloroform-d	4.40	84	172882	5.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 113.80%			
26) 1,2-Dichloroethane-d4	5.09	65	87718	5.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 114.40%			
32) Benzene-d6	5.10	84	317883	5.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.20%			
36) 1,2-Dichloropropane-d6	6.12	67	109401	5.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 111.00%			
41) Toluene-d8	7.37	98	233122	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.00%			
43) trans-1,3-Dichloropropene-	7.67	79	20800	3.03	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 60.60%			
46) 2-Hexanone-d5	8.15	63	82623	29.45	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 58.90%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81711	5.32	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.40%			
64) 1,2-Dichlorobenzene-d4	11.68	152	82589	5.55	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	9025	0.402	ug/L	89
12) 1,1-Dichloroethene	2.14	96	70467	4.229	ug/L	95
13) Acetone	2.21	43	5508	2.483	ug/L	96
19) 1,1-Dichloroethane	3.23	63	2681346	83.238	ug/L	98
25) Chloroform	4.43	83	11726	0.333	ug/L	93
27) 1,2-Dichloroethane	5.19	62	14407	0.655	ug/L #	90
29) 1,1,1-Trichloroethane	4.66	97	268119	8.957	ug/L	98
31) Carbon tetrachloride	4.66	117	34656	1.380	ug/L	97
35) Methylcyclohexane	6.12	83	25922	0.866	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	11017	0.517	ug/L #	87
48) 2-Hexanone	8.20	43	43631	5.379	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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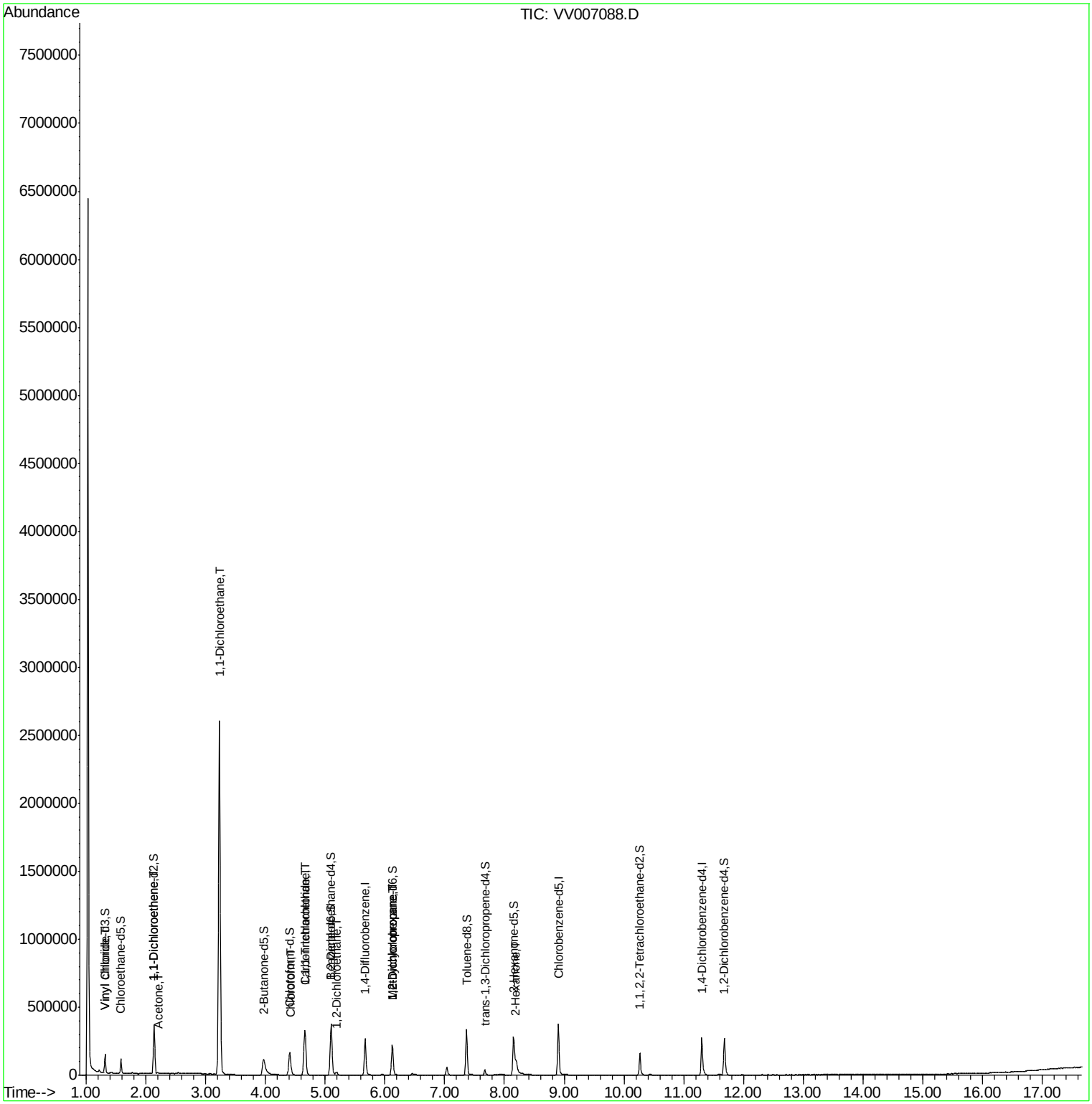
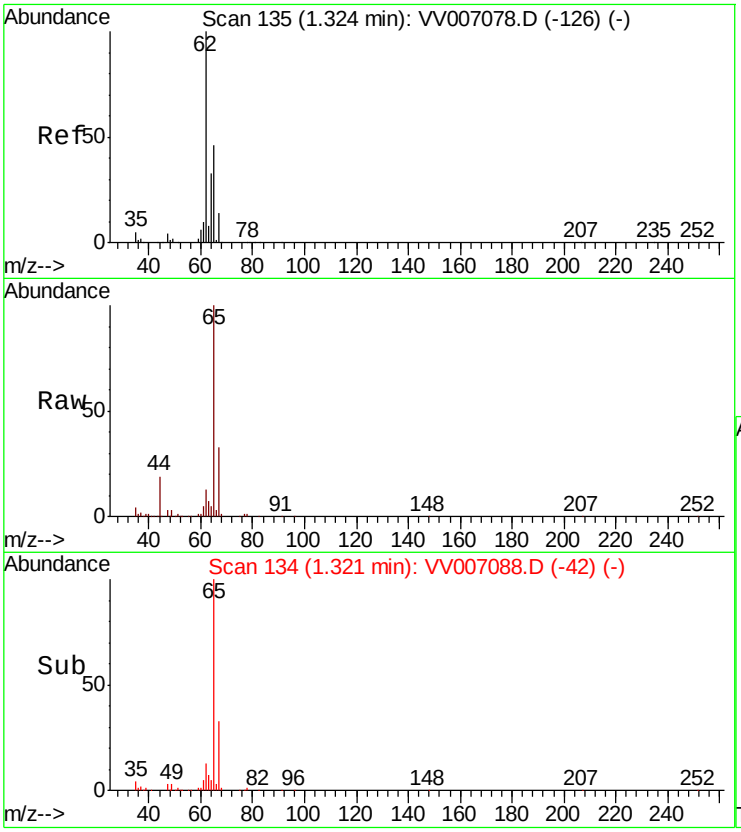
Quant Time: Aug 21 05:27:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 21 05:25:12 2018
Response via : Initial Calibration



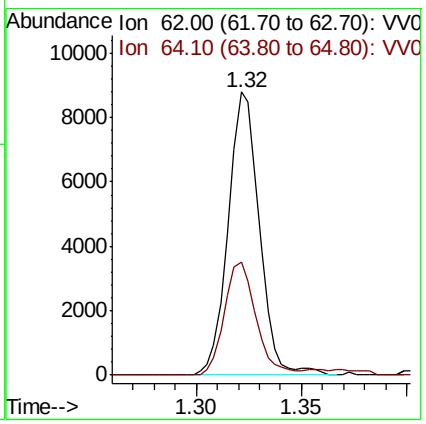


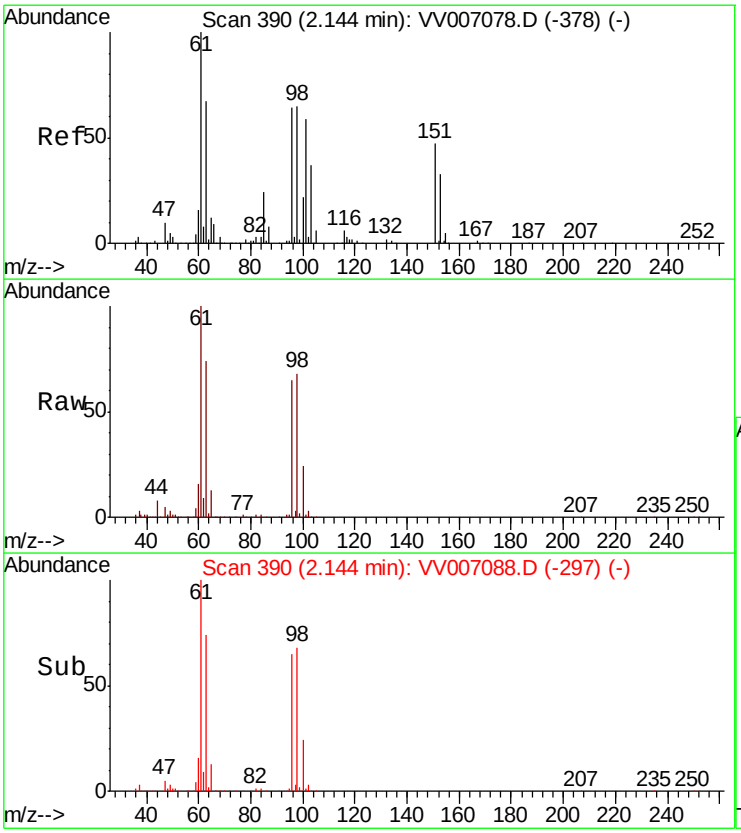
#5
Vinyl chloride
Concen: 0.402 ug/L
RT: 1.32 min Scan# 134
Delta R.T. -0.00 min
Lab File: VV007088.D
Acq: 20 Aug 2018 22:40

Instrument : MSVOA_V
ClientSampleId : C0333

Tgt Ion: 62 Resp: 9025

Ion	Ratio	Lower	Upper
62	100		
64	39.8	23.5	43.7

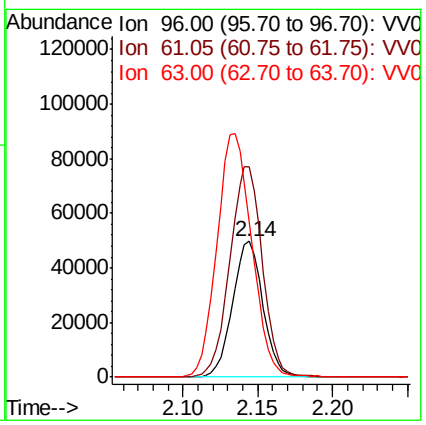


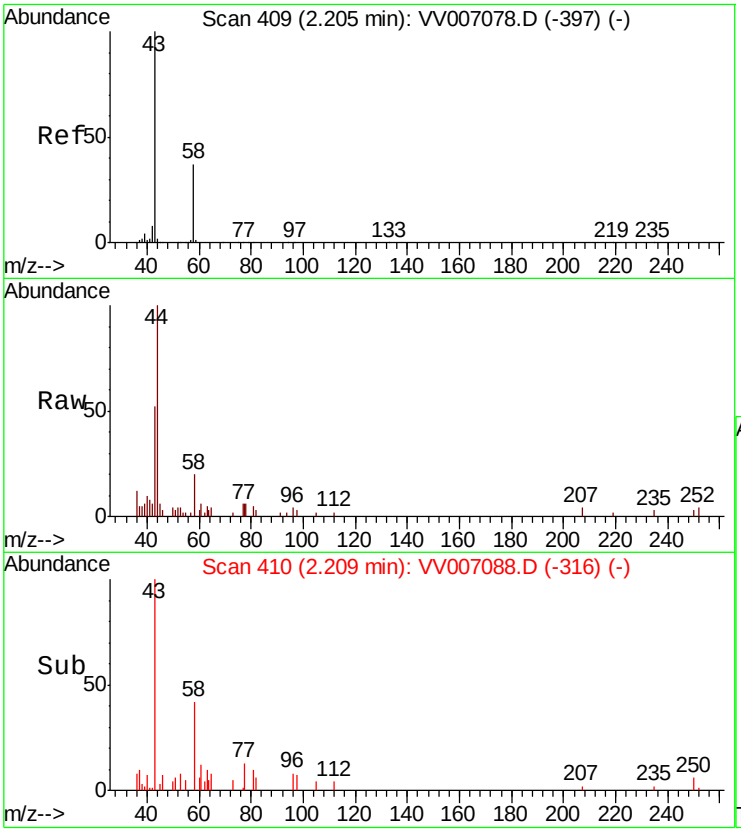


#12
1,1-Dichloroethene
Concen: 4.229 ug/L
RT: 2.14 min Scan# 390
Delta R.T. 0.00 min
Lab File: VV007088.D
Acq: 20 Aug 2018 22:40

Tgt Ion: 96 Resp: 70467

Ion	Ratio	Lower	Upper
96	100		
61	154.6	111.6	207.4
63	114.8	84.9	157.7



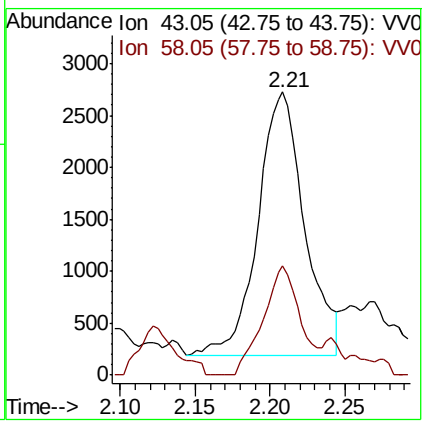


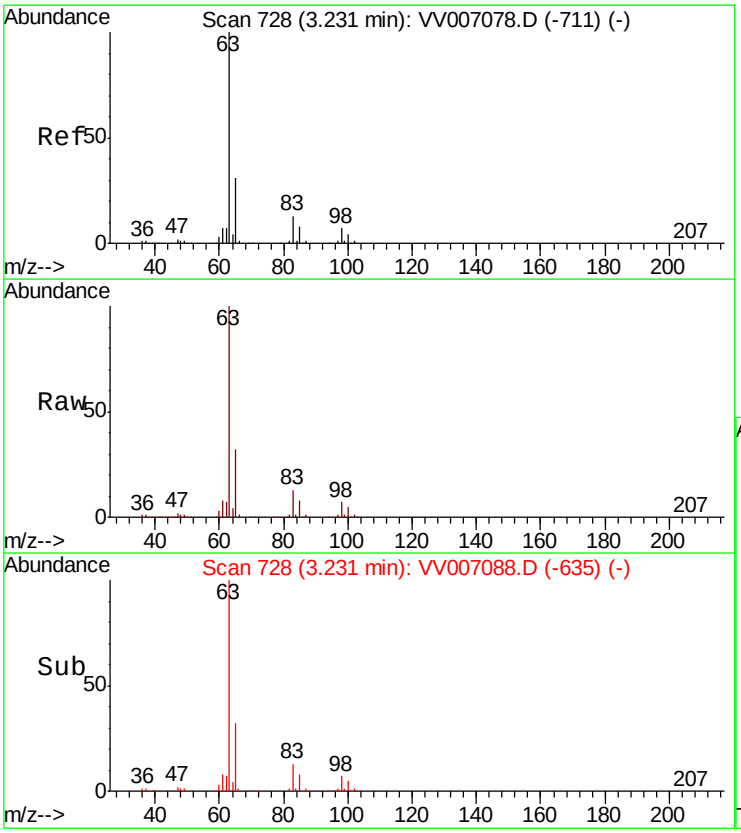
#13
Acetone
Concen: 2.483 ug/L
RT: 2.21 min Scan# 410
Delta R.T. 0.00 min
Lab File: VV007088.D
Acq: 20 Aug 2018 22:40

Instrument : MSVOA_V
ClientSampleId : C0333

Tgt Ion: 43 Resp: 5508

Ion	Ratio	Lower	Upper
43	100		
58	33.4	0.0	71.4

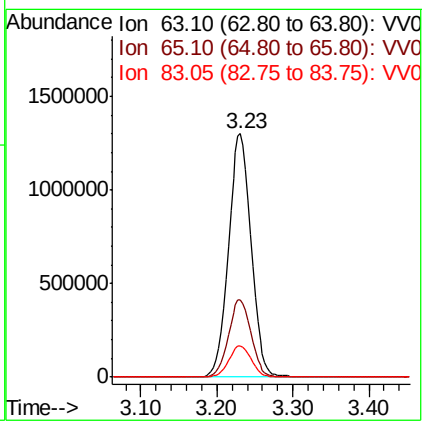


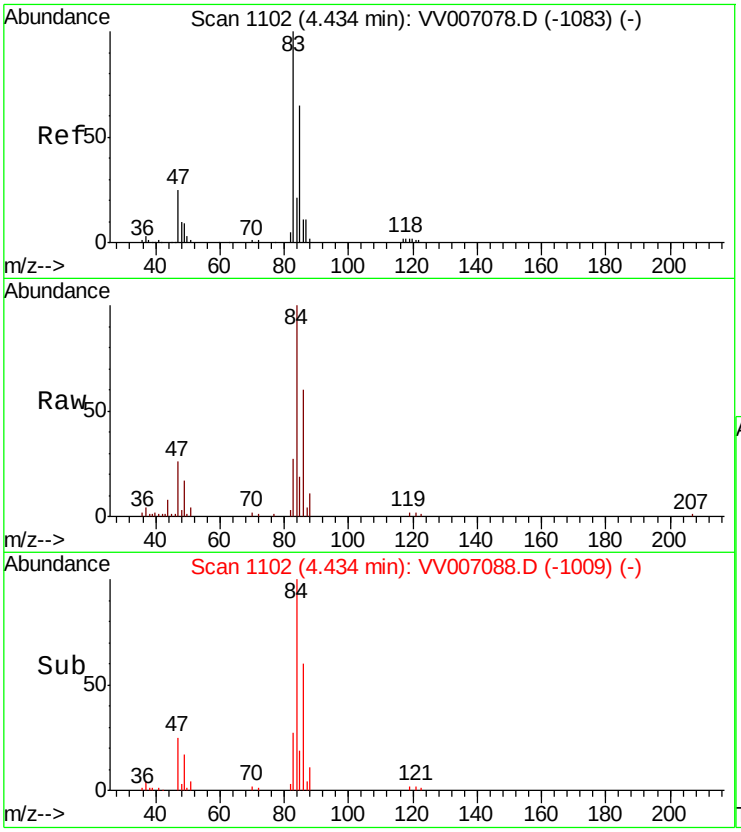


#19
1,1-Dichloroethane
Concen: 83.238 ug/L
RT: 3.23 min Scan# 728
Delta R.T. 0.00 min
Lab File: VV007088.D
Acq: 20 Aug 2018 22:40

Tgt Ion: 63 Resp: 2681346

Ion	Ratio	Lower	Upper
63	100		
65	31.8	21.7	40.3
83	12.9	10.0	18.6



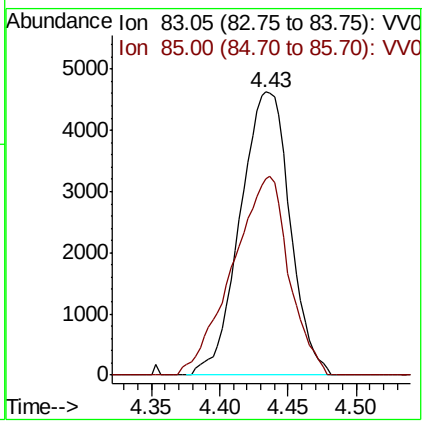


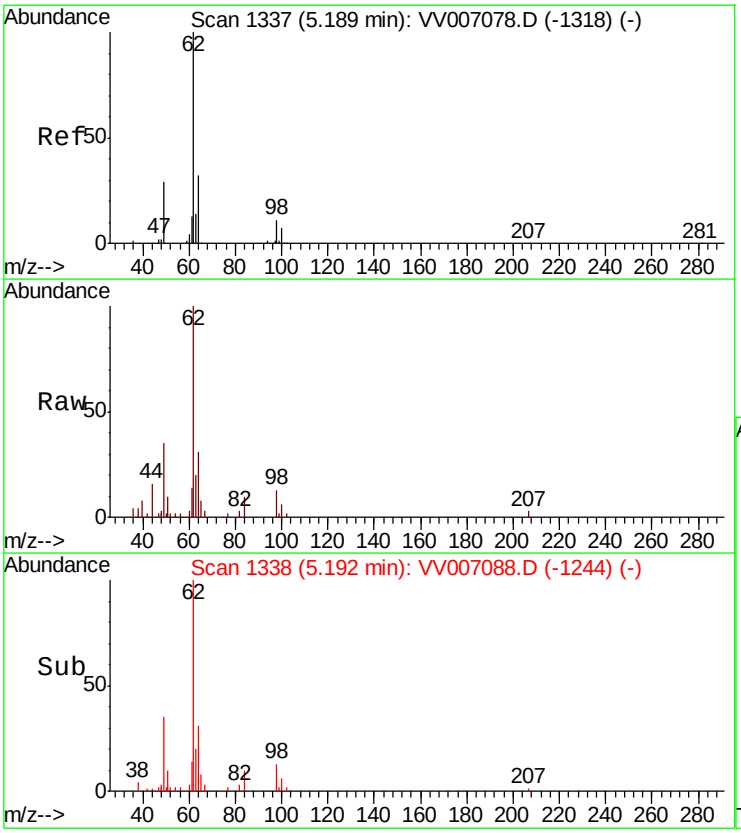
#25
Chloroform
Concen: 0.333 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV007088.D
Acq: 20 Aug 2018 22:40

Instrument :
MSVOA_V
ClientSampleId :
C0333

Tgt Ion: 83 Resp: 11726

Ion	Ratio	Lower	Upper
83	100		
85	69.3	44.7	82.9

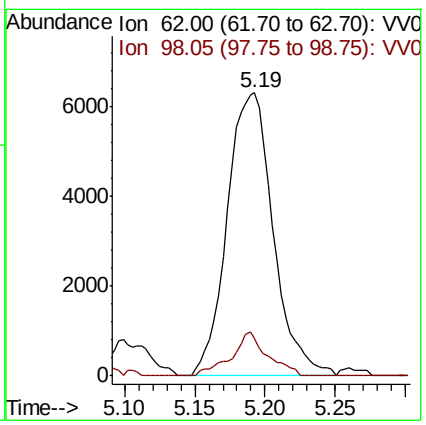


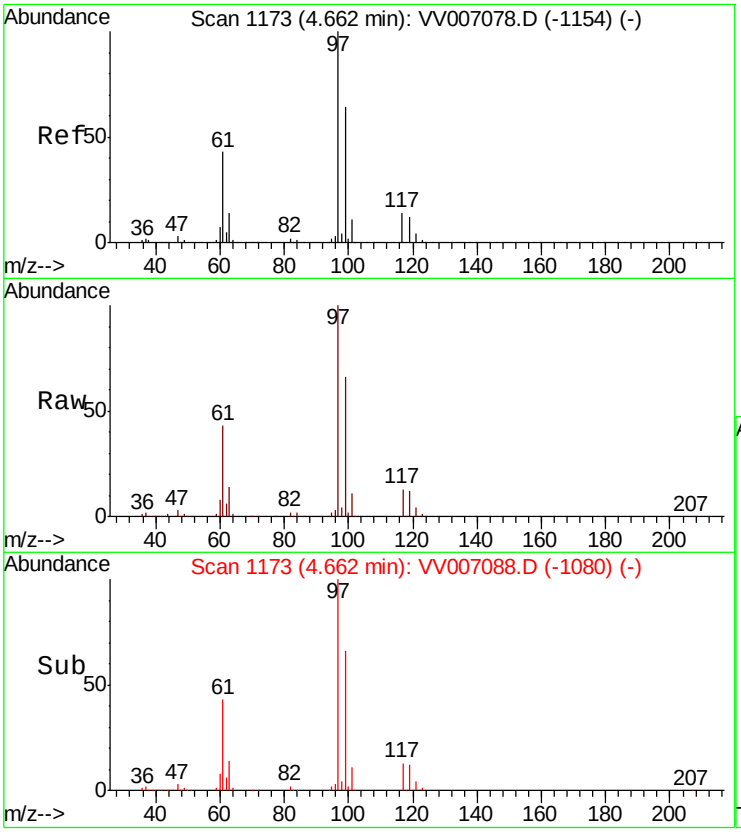


#27
1,2-Dichloroethane
Concen: 0.655 ug/L
RT: 5.19 min Scan# 1338
Delta R.T. 0.00 min
Lab File: VV007088.D
Acq: 20 Aug 2018 22:40

Tgt Ion: 62 Resp: 14407

Ion	Ratio	Lower	Upper
62	100		
98	13.2	7.6	11.4#



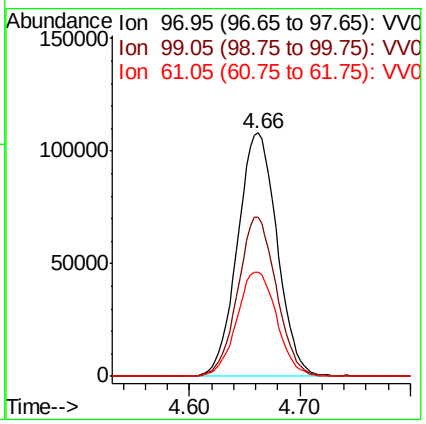


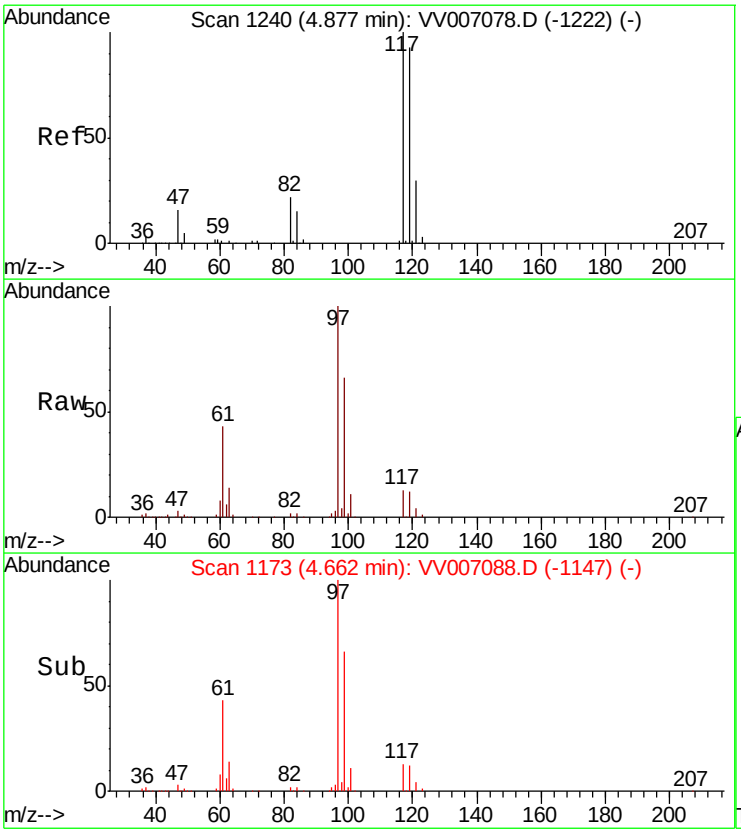
#29
1,1,1-Trichloroethane
Concen: 8.957 ug/L
RT: 4.66 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VV007088.D
Acq: 20 Aug 2018 22:40

Instrument :
MSVOA_V
ClientSampleId :
C0333

Tgt Ion: 97 Resp: 268119

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.0	76.6
61	43.3	36.6	54.8

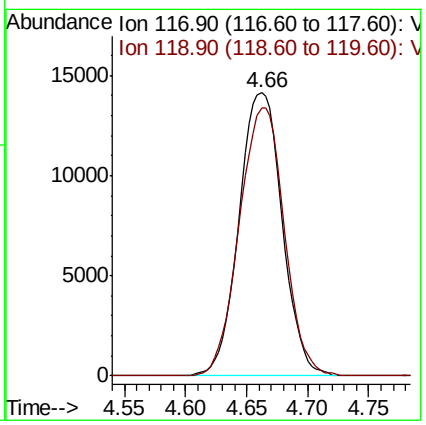


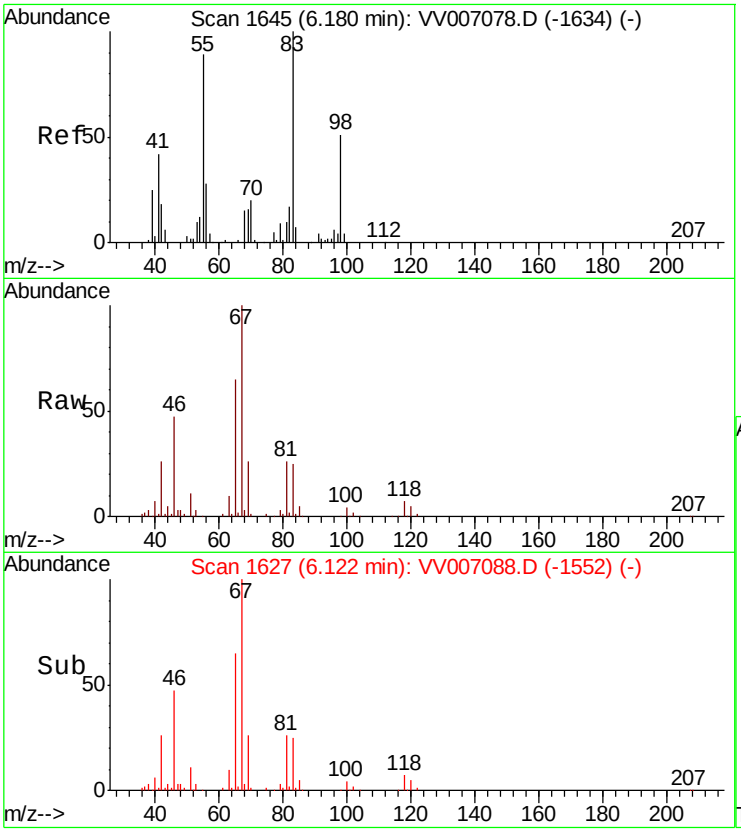


#31
Carbon tetrachloride
Concen: 1.380 ug/L
RT: 4.66 min Scan# 1173
Delta R.T. -0.22 min
Lab File: VV007088.D
Acq: 20 Aug 2018 22:40

Tgt Ion:117 Resp: 34656

Ion	Ratio	Lower	Upper
117	100		
119	98.5	76.2	114.4



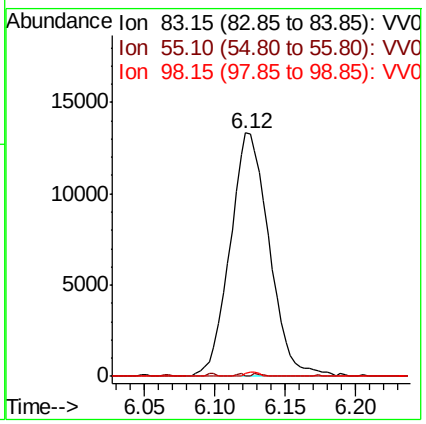


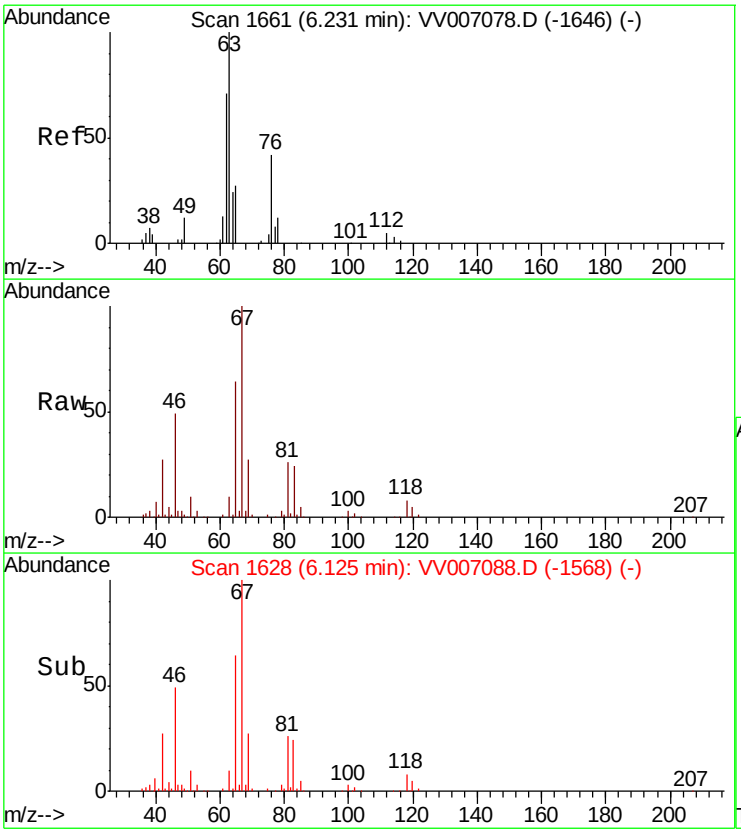
#35
Methylcyclohexane
Concen: 0.866 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.06 min
Lab File: VV007088.D
Acq: 20 Aug 2018 22:40

Instrument : MSVOA_V
ClientSampleId : C0333

Tgt Ion: 83 Resp: 25922

Ion	Ratio	Lower	Upper
83	100		
55	0.2	68.1	102.1#
98	0.0	37.9	56.9#

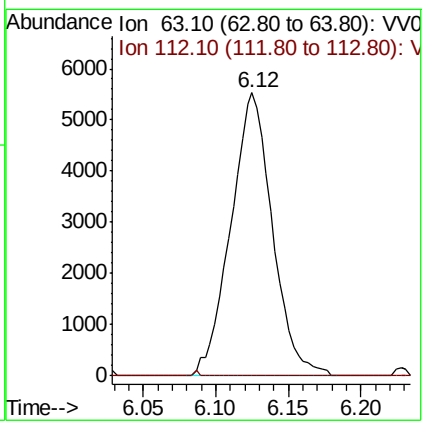


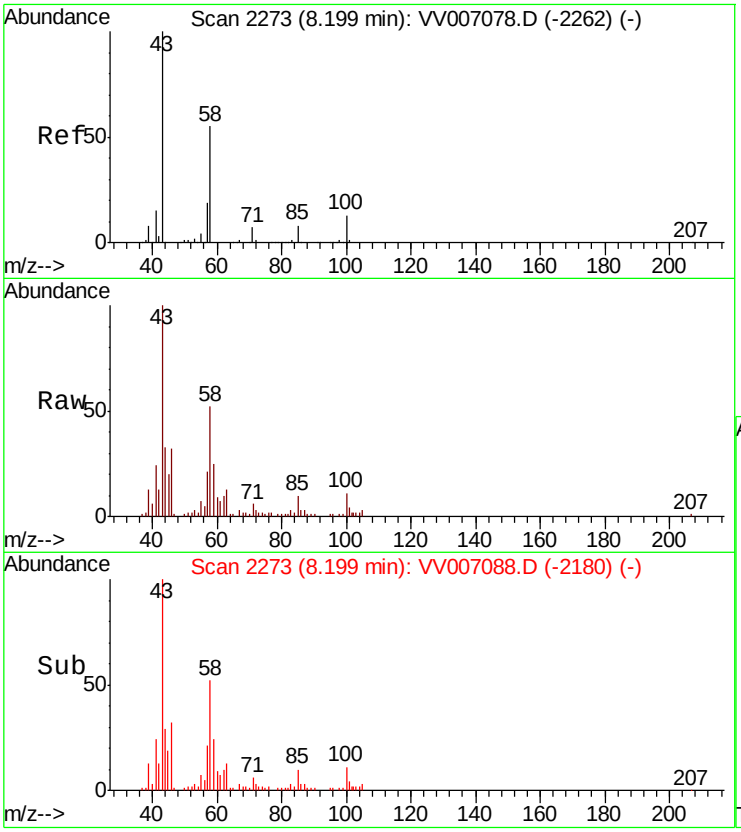


#37
1,2-Dichloropropane
Concen: 0.517 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.11 min
Lab File: VV007088.D
Acq: 20 Aug 2018 22:40

Tgt Ion: 63 Resp: 11017

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.5	5.3#





#48
2-Hexanone
Concen: 5.379 ug/L
RT: 8.20 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VV007088.D
Acq: 20 Aug 2018 22:40

Instrument :
MSVOA_V
ClientSampleId :
C0333

Tgt Ion: 43 Resp: 43631

Ion	Ratio	Lower	Upper
43	100		
58	57.3	44.2	66.2
57	20.4	14.8	22.2
100	11.7	8.8	13.2